

# EXHIBIT D

Doc code: IDS

PTO/SB/08a (02-18)

Doc description: Information Disclosure Statement (IDS) Filed

Approved for use through 11/30/2020. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		14823157
	Filing Date		2015-08-11
	First Named Inventor	Bergdale	
	Art Unit	3693	
	Examiner Name	OJIAKU, CHIKAODINAKA	
	Attorney Docket Number	Bytemark-102	

### U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	8457354		2013-06-04	KOLAR CLARE E	
	2	5797330		1998-08-25	LI ZHENGZHONG	
	3	8912879		2014-12-16	FYKE STEVEN HENRY	
	4	8584224		2013-11-12	PEI MINGLIANG	
	5	8935802		2015-01-13	MATTSSON ULF	

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### U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20140086125		2014-03-27	POLO ANGEL	

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First Named Inventor	Bergdale
Art Unit	3693
Examiner Name	OJIAKU, CHIKAODINAKA
Attorney Docket Number	Bytemark-102

2	20170055157		2017-02-23	BERGDALE MICAH	
3	20150025921		2015-01-22	SMITH GAVIN RITCHIE	
4	20160093127		2016-03-31	EVANS CURTIS	
5	20050137889		2005-06-23	WHEELER DAVID M	
6	20120245769		2012-09-27	CREISSELS DENIS	
7	20010037174		2001-11-01	DICKERSON STEPHEN L	
8	20160055605		2016-02-25	KIM NURI	
9	2010308959		2010-12-09	SCHORN JOSEF	
10	20050283444		2005-12-22	EKBERG JAN-ERIK	
11	20120330697		2012-12-27	SMITH MICHAEL	
12	20090222900		2009-09-03	BENALOH JOSH D	

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Attorney Docket Number	Bytemark-102	

	13	20170372289		2017-12-28	FITZSIMMONS MICHAEL	
	14	20150213443		2015-07-30	GEFFON MICHAEL H	
	15	20050246634		2005-11-03	ORTWEIN ANDREW	
	16	20060206728		2006-09-14	MASUDA TAKAHIRO	
	17	20070283049		2007-12-06	RAKOWSKI BRIAN D	
	18	20100228563		2010-09-09	WALKER JR SAMUEL E	
	19	20150317841		2015-11-05	KARSCH BORIS	
	20	20160042631		2016-02-11	HO PATRICK	
	21	20130307990		2013-11-21	WILES BRIAN C	

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**FOREIGN PATENT DOCUMENTS**

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
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1	2016105322	WO		2016-06-30	EHOSTAR UKRAINE LLC	<input type="checkbox"/>
2	2014189068	WO		2014-11-27	LEONIS & CO INC	<input type="checkbox"/>
3	94931	RU		2010-06-10	Общество с ограниченной ответственностью Научно Пр	<input type="checkbox"/>

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**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
	1		<input type="checkbox"/>

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**EXAMINER SIGNATURE**

Examiner Signature	/CHIKAODINAKA OJIAKU/	Date Considered	05/13/2019
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

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**CERTIFICATION STATEMENT**

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

**OR**

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- ☐ See attached certification statement.
- ☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- ☒ A certification statement is not submitted herewith.

**SIGNATURE**

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Jennifer Meredith/	Date (YYYY-MM-DD)	2019-04-15
Name/Print	Jennifer Meredith	Registration Number	47,790

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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The information provided by you in this form will be subject to the following routine uses:

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2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
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6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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	2	20170055157		2017-02-23	BERGDALE MICAH	
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	1		<input type="checkbox"/>

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Examiner Signature	/CHIKAODINAKA OJIAKU/	Date Considered	03/12/2019
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	<b>Art Unit</b>	3693
	<b>Client Number</b>	Bytemark
Page 1 of 9	<b>Matter Number</b>	Bytemark-102

U.S. PATENT DOCUMENTS					
Initials	Cite No.	Document Number	Issue/Publication Date	First Named Inventor	T
	1	8379874	02/19/2013	Simon	
	2	6997384	02/14/2006	Hara	
	3	5621797	04/15/1997	Rosen	
	4	7263506	08/28/2007	Lee	
	5	7093130	08/15/2006	Kobayashi	
	6	8583511	11/12/2013	Hendrickson	
	7	6484182	11/19/2002	Dunphy	
	8	6961858	11/01/2005	Fransdonk	
	9	7020635	03/28/2006	Hamilton	
	10	7080049	07/18/2006	Truitt	
	11	7090128	08/15/2006	Farley	
	12	7107462	09/12/2006	Fransdonk	
	13	7150045	12/12/2006	Koelle	
	14	7587502	09/08/2009	Crawford	
	15	7711586	05/04/2010	Aggarwal	
	16	7567910	07/28/2009	Hasegawa	
	17	5559961	09/24/1996	Blonder	
	18	5465084	11/07/1995	Cottrell	
	19	7174462	02/06/2007	Pering	
	20	7395506	07/01/2008	Tan	
	21	6685093	02/03/2004	Challa	
	22	7103572	09/05/2006	Kawaguchi	
	23	7933589	04/26/2011	Mamdani	
	24	5789732	08/04/1998	McMahon	
	25	6496809	12/17/2002	Nakfoor	
	26	5590038	12/31/1996	Pitroda	
	27	6315195	11/13/2001	Ramachandran	
	28	6023688	02/08/2000	Ramachandran	
	29	6493110	12/10/2002	Roberts	
	30	6085976	07/11/2000	Sehr	

<b>Examiner Signature</b>	/CHIKAODINAKA OJIAKU/	<b>Date Considered</b>	10/02/2017
Examiner: Please initial if citation considered, whether or not citation is in conformance with MPEP Section 609. Please draw a line through the citation if it is not in conformance and it is not considered. Please include a copy of this form with the next communication to the applicant.			

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Initials	Cite No.	Document Number	Issue/Publication Date	First Named Inventor	T
	31	6473739	10/29/2002	Showghi	
	32	6393305	05/21/2002	Ulvinen	
	33	6175922	01/16/2001	Wang	
	34	5253166	10/12/1993	Dettelbach	
	35	6023679	02/08/2000	Acebo	
	36	6775539	08/10/2004	Deshpande	
	37	7017806	03/28/2006	Peterson	
	38	7134087	11/07/2006	Bushold	
	39	7158939	01/02/2007	Goldstein	
	40	7191221	03/13/2007	Schatz	
	41	7386517	06/10/2008	Donner	
	42	7493261	02/17/2009	Chen	
	43	7315944	01/01/2008	Dutta	
	44	7392226	06/24/2008	Sasaki	
	45	7529934	05/05/2009	Fujisawa	
	46	8473342	06/25/2013	Roberts	
	47	8019365	09/13/2011	Fisher	
	48	7967211	06/28/2011	Challa	
	49	7520427	04/21/2009	Boyd	
	50	6454174	09/24/2002	Sansone	
	51	5777305	07/07/1998	Smith	
	52	5907830	05/25/1999	Engel	
	53	5918909	07/06/1999	Fiala	
	54	6251017	06/26/2001	Leason	
	55	7024807	04/11/2006	Street	
	56	8010128	08/30/2011	Silverbrook	
	57	8016187	09/13/2011	Frantz	
	58	7555284	06/30/2009	Yan	
	59	8788836	07/22/2014	Hernacki	
	60	8370180	02/05/2013	Scott	

<b>Examiner Signature</b>	/CHIKAODINAKA OJIAKU/	<b>Date Considered</b>	10/02/2017
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	62	6373587	04/16/2002	Ronald P. Sansone	
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<b>Examiner Signature</b>	/CHIKAODINAKA OJIAKU/	<b>Date Considered</b>	10/02/2017
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**GENERAL**

Pursuant to 37 C.F.R. 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed herewith. A copy of each listed reference, other than U.S. patents/applications and references cited in a parent application, is enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

**TIMING**

In accordance with 37 CFR 1.97(b), this Information Disclosure Statement is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**CERTIFICATION STATEMENT**

No certification statement is required. This Information Disclosure Statement is being filed in accordance with 37 CFR 1.97(b).

**FEE**

No fee is required. This Information Disclosure Statement is being filed in accordance with 37 CFR 1.97(b).

**ADDITIONAL COMMENTS****SIGNATURE**

<b>Signature</b>	/ Jennifer Meredith /	<b>Date</b>	7/12/2017
<b>Name</b>	Jennifer Meredith	<b>Registration Number</b>	47,790

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